(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 14 July 2005 (14.07.2005)

PCT

(10) International Publication Number WO 2005/063167 A2

(51) International Patent Classification⁷: B05B 5/08

A61J 3/00,

(21) International Application Number:

PCT/GB2004/005458

(22) International Filing Date:

30 December 2004 (30.12.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

0330171.0

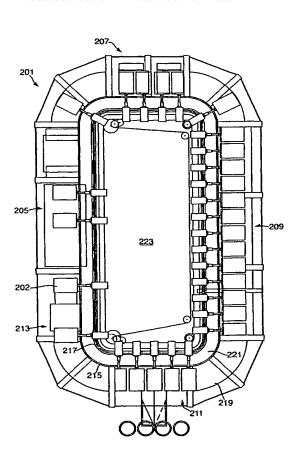
30 December 2003 (30.12.2003) GI

(71) Applicant (for all designated States except US): PHOQUS PHARMACEUTICALS LIMITED [GB/GB]; 10 Kings Hill Avenue, Kings Hill, West Malling, Kent ME19 4PQ (GB).

- (72) Inventors; and
- (75) Inventors/Applicants (for US only): TULLETT, Simon [GB/GB]; Offa Cottage, 2 Chapel Field, Gamlingay, Sandy SG19 3QP (GB). JARVIS, Adrian [GB/GB]; 3 Milton Avenue, Eaton Ford, St Neots., Cambs. PE19 7LH (GB). BILLINGTON, David [GB/GB]; 19 Moreton Avenue, Wellingborough, Northamptonshire NN8 2JE (GB). KING, Russell [GB/GB]; 138 Finedon Road, Irthlingborough, Northants NN9 5UB (GB). GLEDHILL, David [GB/GB]; 16 Scotland Farm Cottages, Dry Drayton, Cambs CB3 8BN (GB). WILLSHER, Paul [GB/GB]; 27 Layston Park, Royston, Herts SG8 9DS (GB). HOLROYD, Michael, John [GB/GB]; 11 Headley Gardens, Great Shelford, Cambridge CB2 5JZ (GB).
- (74) Agents: WHITING, Gary et al.; Abel & Imray, 20 Red Lion Street, London WC1R 4PQ (GB).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,

[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR THE APPLICATION OF POWDER MATERIAL TO SUBSTRATES



(57) Abstract: Apparatuses and methods for electrostatically applying a powder material to substrates are described. A plurality of platens are provided, each arranged to hold a plurality of substrates such as solid dosage forms. Each platen is driven around an endless path and passes through a loading region in which substrates are loaded onto the platens, a developing region in which the powder material is applied to the substrates, a fusing region in which the applied powder material is fused, and an unloading region in which substrates are removed from the platens.

WO 2005/063167 A2

CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PII, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

 without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.